

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-318500

(43)Date of publication of application : 22.12.1989

(51)Int.Cl.

H04R 25/00

H04Q 9/00

(21)Application number : 01-113995

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(22)Date of filing : 01.05.1989

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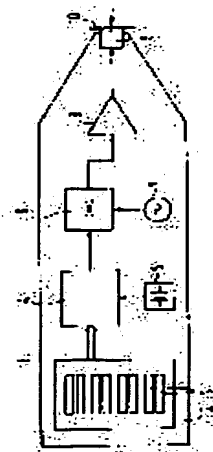
(30)Priority

Priority number : 88 3815598

Priority date : 06.05.1988

Priority country : DE

(54) HEARING AID



(57)Abstract:

PURPOSE: To provide a hearing aid, equipped with a wireless remote controller, with which the use of the remote controller is not made conspicuous by using a vibrator as the transmitter of the controller, radiating a remote control frequency out of a human audible level from this vibrator and inputting the sound of the transmitter from the contact face of the controller through the skin.

CONSTITUTION: A controller 1 is provided with a coding circuit 4, and this coding circuit generates data and continuous bit strings for check corresponding to a programming instruction or a control command generated by

touching a sensor key 3. At a modulator 6, continuous information received from the coding circuit 4 is modulated into vibrations which are generated by a generator 7, and moved to a carrier frequency band, acoustically transmittable to a human skelton, so as not to be heard or be a sound which is disturbing. At the modulator 6, a final-stage amplifier and a vibrator 9 equipped with a contact face 10 are post-connected for improving an output signal to an output level sufficient to change the programming of the hearing aid, and this contact face is used for inputting a programming signal or a control signal generated from the vibrator, through the skin to the skelton of a hearing aid user.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision
of rejection]

[Kind of final disposal of application other
than the examiner's decision of rejection
or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]